



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

JH

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/190,788	11/12/1998	CHRISTOPHER N. MACROGLOU	97-019-DIV	7074
7590	01/25/2005		EXAMINER	
HENRY E BARTONY JR BARTONY HARE & EDSON 429 FOURTH AVENUE SUITE 1801 PITTSBURGH, PA 15219			GORDON, RAEANN	
			ART UNIT	PAPER NUMBER
			3711	

DATE MAILED: 01/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

SIN

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/190,788	MACROGLOU, CHRISTOPHER N	
	<b>Examiner</b>	<b>Art Unit</b>	
	Raeann Gorden	3711	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 04 November 2004.
- 2a) This action is FINAL.                  2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1,2,13-24 and 27-31 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) 21-24 is/are allowed.
- 6) Claim(s) 1,2,13-20 and 27-31 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                    | Paper No(s)/Mail Date. _____.   |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____. | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
|   | 6) <input type="checkbox"/> Other: _____.                                   |

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 29-31 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. The term "torso" in claim 29 is not part of the original specification.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 2, 13-20, 27, and 28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Harkness (5,467,992)in view of Carney (6,213,887). Harkness discloses a device support member worn around a person's head and an attached laser light (abstract) generating a linear alignment beam of light visible to the person to

provide an alignment of the person's body when in position to perform the task as stated in claims 1 and 15 (figs. 2 and 3). Harkness also discloses a cylindrical lens and positions the lens to direct the beam of light as in claim 2 (fig 4 and col 3, lines 20-26). Regarding claims 13 and 16, figures 2 and 3 show a band worn around a person's head. Regarding claims 14, 17 and 18, the beam is visible on the ground (fig 3). Regarding claims 19 and 20, Harkness does not disclose the device around the chest or hips of the user. Harkness does disclose the device as being interchangeable among different items. However, moving the device from one body part to another is a method of use, which is not relevant to the structure of the device. Harkness discloses a spot of light on the ground and does not disclose a line of light. However, Carney teaches a line of light alignment. Regarding claim 21, Harkness discloses a device support member worn around a person's head and an attached laser light (abstract) generating a linear alignment beam of light visible to the person to provide an alignment of the person's body when in position to perform a golf stroke, (see figure 3). Providing an indication of alignment can be seen in figure 3 of Harkness, wherein the golfer is preparing for the golf stroke. Carney teaches a line of light alignment. Regarding claim 22, figure 3 displays the device on the head of the golfer and the beam of light running parallel to the golfer's eyes. Regarding claims 23 and 24, figure 3 displays the golfer preparing for a stroke and the surface wherein the beam of light meets is the ground. Regarding claims 27 and 28, Harkness discloses the device attached to glasses (col. 2, lines 61-65). One skilled in the art would have modified the invention of Harkness with

Carney by changing the spot of light to a line of light to provide a more accurate alignment means for the user.

***Allowable Subject Matter***

Claims 21-24 are allowed.

***Response to Arguments***

Applicant's arguments filed 11-4-04 have been considered but they are not fully persuasive. Applicant argues the Harkness reference does not disclose the claimed invention. Harkness discloses a device comprising a support member worn on a person's head and a light source comprising a laser. Harkness further discloses a spot on the ground produced by the laser beam but does not disclose a line of light. Carney teaches a line of light produced by a laser beam. Applicant further argues the Harkness reference is used to prevent movement and the present invention is used to achieve the proper alignment. However, the method of using the device is not relevant to apparatus. The structural limitations as claimed are disclosed by Harkness in view of Carney. Also, the prior art is capable of performing the tasks set forth in the claims. For example, applicant claims device is attached to the support member such that the alignment of a plane transversing the person's eye when the person is in a position to perform the task. Since Harkness discloses the device is movable on the support member, it is clearly capable of being positioned in the manner claimed by applicant.

***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

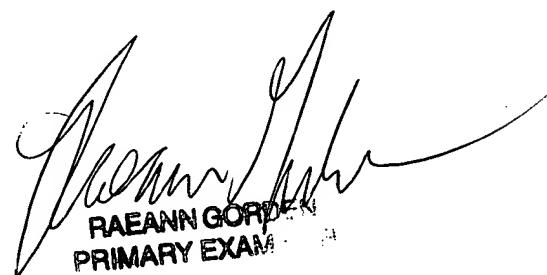
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Raeann Gorden whose telephone number is 571-272-4409. The examiner can normally be reached on M-F 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Greg Vidovich can be reached on 571-272-4415. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

rg  
January 21, 2005



A handwritten signature in black ink, appearing to read "Raeann Gorden". Below the signature, the name "RAEANN GORDEN" is printed in a bold, sans-serif font. Underneath that, the words "PRIMARY EXAM" are printed in a smaller, all-caps sans-serif font.